

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Wataru HATTORI

Title: SIGNAL PROCESSOR AND COOLING METHOD  
OF THE SAME, AND RADIO RECEIVER  
INCLUDING THE SIGNAL PROCESSOR AND  
COOLING METHOD OF THE SAME

Appl. No.: Unassigned

Filing Date: November 29, 2001

Examiner: Unassigned

Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional  
utility patent application of:

Wataru HATTORI

Enclosed are:

- [ X ] Application Data Sheet (37 CFR 1.76).
- [ X ] Specification, Claims, and Abstract (22 pages).
- [ X ] Formal drawings (2 sheets, Figures 1-2).
- [ X ] Declaration and Power of Attorney (3 pages).
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Assignment of the invention to NEC CORPORATION.
- [ X ] Claim for Convention Priority with (1) Priority Document.

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$740.00	\$740.00
Total Claims:	19	- 20	= 0	x \$18.00	= \$0.00
Independents:	8	- 3	= 5	x \$84.00	= \$420.00
If any Multiple Dependent Claim(s) present:			+	\$280.00	= \$0.00
				SUBTOTAL:	= \$1160.00
[ ] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$1,160.00
Assignment Recordation Fee:			+	\$40.00	= \$40.00
				TOTAL FEE	= \$1,200.00

- [ X ] A check in the amount of \$1,200.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- [ X ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date November 29, 2001

FOLEY & LARDNER  
Customer Number: 22428



22428

PATENT TRADEMARK OFFICE

Telephone: (202) 672-5407

Facsimile: (202) 672-5399

By

*David A. Blumenthal*

for

David A. Blumenthal  
Attorney for Applicant  
Registration No. 26,257

Reg # 41,398